

M.V.R. DEGREE COLLEGE
(UG And PG Courses)
(Affiliated to Andhra University)
An Institution of Priyadarshini Educational Academy)
NAAC ACCREDITED COLLEGE

Dr.V.Rama Rao, M.A.,Ph.D.,
Secretary & Correspondent

Dr.A.Balakrishna,M.Sc.,Ph.D.,
Principal

Department of Botany
Master of Science M.Sc Botany
Program Specific Outcomes (PSO)

The M.Sc. Botany programme aims to give confidence for students to take dependability for developing themselves throughout their studies at our College, affiliated to Andhra University and will reflect the following postgraduate attributes.

PSO-1	A student completing the course is able to understand different branches of Botany such as systematic, evolution, ecology, developmental biology, physiology, biochemistry, plant interactions with microbes and insects, morphology, anatomy, reproduction, genetics and molecular biology of various life-forms
PSO-2	Explain different types, structure, life cycles of viruses, fungi, bacteria. And identify the plant diseases in field.
PSO-3	Apply different life-science subjects like Genetics, Biochemistry, Biotechnology, Microbiology, Environmental Science to the analysis of relevant plant science
PSO-4	Use the evidence of comparative biology to explain how the theory of evolution offers the only scientific explanation for the unity and diversity of life on earth.
PSO-5	Use specific examples to explicate how descent with modification has shaped plant morphology, physiology, and life history.
PSO-6	Explain how Plants function at the level of the gene and genome
PSO-7	Explain physiological adaptations, development, reproduction and mode of life cycle followed by different forms of plants.
PSO-8	. Relate the physical features of the environment to the structure of populations, communities, and ecosystems
PSO-9	The student completing the course is capable to perform short research projects using various tools and techniques in plant sciences and develop scientific temperament and research attitude. Take up world-wide research opportunities to pursue PhD programme, and more knowledgeable to qualify UGC-CSIR, NET, SET and other competitive exams.



A. H. H. H. H. H.
Shri

PRINCIPAL
M.V.R. DEGREE COLLEGE
Shramika Nagar, Gajuwaka,
RAKHPATNAM - 530 026